

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of manufacturing a glass substrate for a magnetic disk, comprising the steps of:

mirror-polishing the glass substrate;

~~performing a chemical treatment to the mirror-polished glass substrate etching a principal surface of the mirror-polished glass substrate by using a chemical treatment~~ to remove at least a part of a polishing-affected layer which is formed on the principal surface of the glass substrate in the mirror-polishing step; and

thereafter forming a texture by a tape on the principal surface of the glass substrate,

wherein the glass disk has a ratio $Ra(r)/Ra(c)$, where $Ra(r)$ is a surface roughness in a radial direction and $Ra(c)$ is a surface roughness in a circumferential direction, that is equal to 3 or more.

2. (Original) A method of manufacturing a glass substrate for a magnetic disk as claimed in claim 1, wherein the chemical treatment is carried out by the use of at least one material selected from sodium hydroxide, potassium hydroxide, and ammonium fluoride.

3. (Original) A method of manufacturing a glass substrate for a magnetic disk as claimed in claim 1, wherein the mirror-polished glass disk is chemically strengthened after mirror-polishing.

4. (Original) A method of manufacturing a glass substrate for a magnetic disk as claimed in claim 1, wherein the glass disk essentially consists of 58-75 weight % SiO_2 , 5-23 weight % Al_2O_3 , 3-10 weight % Li_2O , and 4-13 weight % Na_2O .

5. (Previously Amended) A method of manufacturing a magnetic disk, wherein at least a magnetic layer is formed on the glass substrate manufactured by the method claimed in claim 1,

wherein the magnetic disk has magnetic anisotropy of 1.2 or more.

6. (Cancelled)